

WHAT IS CLAIMED IS:

1. Device for gaseous enrichment of fluids,
comprising a container for a fluid; means for
5 supplying a gas to the container;
means for supplying the fluid to the container;
a fluid outflow;
wherein the means for supplying the gas and/or the
fluid are provided with multiple sieve-like
10 perforations forming output openings.
2. Device for gaseous enrichment of fluids according
to claim 1, wherein the container is subdivided
into volumetric portions, the subdivision being
15 achieved by one or more walls with multiple, sieve-
like perforations between the portions.
3. Device for gaseous enrichment of fluids according
to claim 2, wherein several walls with multiple,
20 sieve-like perforations are provided in the
container, the said walls are at least partially
perforated with mutually different, multiple,
sieve-like perforations.
- 25 4. Device for gaseous enrichment of fluids according
to claim 3, wherein at least two sorts of walls
with different, multiple, sieve-like perforations
are provided, these said walls being spatially
arranged in an alternating manner within the
30 container.
5. Device for gaseous enrichment of fluids according
to claim 1, wherein the means for supplying the
fluid or gas have portions designed in multiple

layers and perforated with multiple, sieve-like perforations, which are different from layer to layer, and which form said output openings.

- 5 6. Device for gaseous enrichment of fluids according to claim 1, wherein the means for supplying the fluid or gas are designed in a tubular form, and the portions, which provide multiple sieve-like perforations forming output openings, are arranged
10 in the casing of the tubes, and otherwise no further output openings are provided.
7. Device for gaseous enrichment of fluids according to claim 1, wherein the container is designed in a
15 tubular form.
8. Device for gaseous enrichment of fluids according to claim 1, which is manufactured largely from V2A steel.
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9. Device for gaseous enrichment of fluids according to claim 1, which is manufactured largely from electro-polished steel.
- 25 10. Device for gaseous enrichment of fluids according to claim 1, wherein the container is pressure-tight.
11. Device for gaseous enrichment of fluids according to claim 1, and including means for cooling.
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12. Device for gaseous enrichment of fluids according to claim 1, wherein the means for supplying the gas are designed substantially in the form of a

cylinder, cone, spiral, ellipsoid, sphere, funnel, nozzle or wave in the region around the gas output openings.

- 5 13. Device for gaseous enrichment of fluids according to claim 1, wherein the means for supplying the gas include at least one valve.
- 10 14. Device for gaseous enrichment of fluids according to claim 1, wherein the means for supplying the gas include a manometer.
- 15 15. Device for gaseous enrichment of fluids according to claim 1, wherein the means for supplying the gas include a pressure reducer.
- 20 16. Device for gaseous enrichment of fluids according to claim 1, wherein the container has one or more narrowings.
- 25 17. Device for gaseous enrichment of fluids according to claim 1, wherein components of the supply means are mounted for rotation within the container.
- 30 18. Method for manufacturing fluids enriched with gas using a device according to claim 1, wherein a gas is added to a fluid.
- 30 19. Method for manufacturing fluids enriched with gas using a device according to claim 1, wherein a fluid is supplied in a continuous process for gaseous enrichment and flows out from the gaseous enrichment enriched with gas.

20. Use of the device according to claim 1 for the manufacture of medicinal preparations.